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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/831,084	05/03/2001	Michel Blayrac	33486	8373
116 7590 07/13/2007 PEARNE & GORDON LLP 1801 EAST 9TH STREET SUITE 1200 CLEVELAND, OH 44114-3108			EXAMINER BUTLER, MICHAEL E	
			ART UNIT 3653	PAPER NUMBER
			MAIL DATE 07/13/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**Supplemental
Notice of Allowability**

Application No.

09/831,084

Examiner

Michael Butler

Applicant(s)

BLAYRAC ET AL.

Art Unit

3653

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/1/07.
2. ☒ The allowed claim(s) is/are 11,13-15,19,20,22,26 and 27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Supplemental Notice of Allowance

1. The last four lines of the description of the Examiner's Amendment were extraneous template entries inconsistent with the marked up amendment sent to the printer. Those lines have been deleted and a new Examiner's amendment description documenting only the changes made is made of record in this supplemental notice of allowance.

Information Disclosure Statement

2. A one page abstract only appears in the Non-patent literature document of the IDS Identified by publication number 10072117 to Ishikawajima Harima Heavy Industries. This was originally not considered as no complete document was supplied nor found within the file wrapper, nor was a statement of relevance supplied for a foreign language document, nor was a number matching that publication number available through the US or JPO databases, it was originally not considered

However, applicant expressly wished to have only the published abstract considered, not the whole document and had placed it in the non-patent literature portion of the IDS rather than the foreign patent section to reflect an incomplete document is present.

As publication normally presents such documents as complete documents inspite of other labeling on the IDS, to minimize the risk that an incomplete patent document was presented for consideration without the full document considered, the notation "incomplete document abstract only" was placed on the IDS and the word "Patent" was struck from the 1449.

As nothing within the two paragraph abstract suggests the device is suitable for use in a radiation environment.

Examiners Amendment

3. During this application's Allowance conference the reviewers spotted several 112 second problems were relating to instances of singular elements in base claims mixed with plural elements from previously indicated allowable depended claim elements that were rolled into the base claim. The disagreements have been corrected by Examiner's amendment. Omitted prepositions also needed to be added.

The following changes have been made by Examiner's Amendment:

In claim 11 line 8 after "firstly" insert "at least one"

In line 9 replace the second "the" with "each"

In line 11 before "management" insert "the"

In line 11 replace "comprise" with "comprises"

In line 11 before "onboard" insert "the"

In line 14 replace "are each" with "is"

In line 17 replace "the" with "its"

In line 20 replace the first "the" with "each"

In line 23 in front of -"wherein the power supply" insert "a plurality of supply boxes and a plurality of control boxes"

In claim 20 line 1 replace "the" with "each"

In line 2 replace "system" with "box"

In claim 22 line 1 replace "the" with "each"

In line 2 replace the first "the" with "each"

In line 2 replace "are each" with "is"

In claim 26 replace "the" with each"

In claim 27 line 1 replace "the" with "each"

In line 3 replace "the" with "its"

Allowable Subject Matter

4. Claims 11, 13-15, 19-20, 22, and 26-27 are allowed.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Exmr. Michael E. Butler whose telephone number is (571) 272-6937.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Mackey, can be reached on (571) 272-6916. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MEB
7/10/07

PM
PATRICK MACKEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600